

## ABSTRACT

An organic light-emitting device (OLED) is provided which comprises a substrate and an organic electroluminescent cell formed on the substrate. The organic electroluminescent cell comprises a first electrode that serves as an anode, a second electrode 5 that serves as a cathode, and at least one light-emitting layer positioned between the anode and cathode. At least one light-emitting layer is an anisotropic electrically conducting layer which has a globally ordered crystalline structure and is comprised of rodlike supramolecules.

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